

Groundwater Research Project Funded During FY 2015			
Title	Investigators	Contract Period	Funding Agency
Assessment of Environmental Impacts of Geothermal Source Heat Exchange	Christopher Choi, David Hart and James Tinjum, WGNHS	7/1/2014 - 6/30/16	UWS
Hydrologic Impacts of the Loss of Wisconsin's Winter on Surface Water-Groundwater Interactions	Steven Loheide, UW-Madison	7/1/2014 - 6/30/16	UWS
Effect of Source Chemistry on Mn-Bearing Solid Dissolution and Reactivity in Municipal Water Systems	Matthew Gindervogel and Christina Remucal, UW-Madison	7/1/2014 - 6/30/16	UWS
Microbial community diversity as a predictor of virus survival in groundwater	Trina McMahon, UW-MSN and Mark Borchardt, USDA	7/1/13- 6/30/15	UWS
Assessing the Effect of Riverbank Inducement on Groundwater Quality	Tim Grundl, UW-Milwaukee	7/1/13- 6/30/15	UWS

Groundwater Research Project to be Funded During FY 2016			
Title	Investigators	Contract Period	Funding Agency
The Wonewoc and Tunnel City: A Potential Natural Source of Groundwater Contamination in Western & Central Wisconsin	Jay Zambito, Michael Parsen, Patrick McLaughlin, UW-Extension	7/1/15- 6/30/16	UWS
Long-term Alterations in Groundwater Chemistry Induced by Municipal Well Pumping	Jean Bahr, Madeline Gotkowitz, UW-Madison and UW-Extension	7/1/15- 6/30/17	UWS
Phosphorus & Arsenic Sensors for Real Time Environmental Monitoring	Daniel Noguera, Marc Anderson, UW-Madison	7/1/15- 6/30/17	UWS

Engaging Stakeholders to Improve the Use of Groundwater Flow Models for Decision Making	Kenneth Genskow, Kenneth Bradbury. UW-Madison and UW-Extension	7/1/15- 6/30/16	UWS
Predicting the locations of nitrate removal hotspots at the groundwater-surface water interface in Wisconsin streams	Robert Stelzer, UW-Oshkosh	7/1/15- 6/30/17	UWS
Assessment of Environmental Impacts of Geothermal Source Heat Exchange	Christopher Choi, David Hart and James Tinjum, WGNHS	7/1/2014 - 6/30/16	UWS
Hydrologic Impacts of the Loss of Wisconsin's Winter on Surface Water-Groundwater Interactions	Steven Loheide, UW-Madison	7/1/2014 - 6/30/16	UWS
Effect of Source Chemistry on Mn-Bearing Solid Dissolution and Reactivity in Municipal Water Systems	Matthew Gindervogel and Christina Remucal, UW-MSN	7/1/2014 - 6/30/16	UWS
Describing connected fracture flow with pressure waves – oscillating flow interference testing	Michael Cardiff, UW-Madison	7/1/15- 6/30/17	DNR
Evaluation of Quantitative Real Time PCR (qPCR) for the Measurement of E. coli in Well Water Samples	Greg Kleinheinz, Nilay Sheth, UW- Oshkosh	7/1/15- 6/30/16	DNR